

Title (en)
Build-up welding device

Title (de)
Vorrichtung zum Auftragsschweissen

Title (fr)
Dispositif pour la soudure à superposition

Publication
EP 0562130 B1 19960515 (DE)

Application
EP 92104936 A 19920321

Priority
EP 92104936 A 19920321

Abstract (en)
[origin: EP0562130A1] The invention relates to a device for build-up welding on end faces (5) of components (2), with a heater for melting the weld deposit (3) and for fusing the end face (5) and a means of applying the weld deposit (3). To this end, form tools (1, 7, 22) are arranged on either side of the end face. By means of pressure mechanisms, these form tools (1, 7, 22) are adapted to the lateral contour of the end face (5) and compress the hot-plastic build-up weld deposit in a shaping manner along the lateral contour of the end face (5). The device is advantageously used for repairing end faces (5) at sealing tips or end faces (5) at power-plant blades or at shroud bands of power-plant blades by means of build-up welding.
<IMAGE>

IPC 1-7
B23K 37/06; **B23K 9/04**

IPC 8 full level
B23K 9/04 (2006.01); **B23K 26/34** (2006.01); **B23K 37/06** (2006.01)

CPC (source: EP)
B23K 9/048 (2013.01); **B23K 26/32** (2013.01); **B23K 26/342** (2015.10); **B23K 37/06** (2013.01); **B23P 6/007** (2013.01); **B23P 9/02** (2013.01); **B23K 2101/001** (2018.07); **B23K 2103/08** (2018.07)

Cited by
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Designated contracting state (EPC)
BE DE ES FR GB IT NL PT SE

DOCDB simple family (publication)
EP 0562130 A1 19930929; **EP 0562130 B1 19960515**; DE 59206318 D1 19960620; ES 2088042 T3 19960801

DOCDB simple family (application)
EP 92104936 A 19920321; DE 59206318 T 19920321; ES 92104936 T 19920321